

SOUTHERN FARM NOTES.

TOPICS OF INTEREST TO THE PLANTER, STOCKMAN AND TRUCK GROWER.

To Grow Early Cabbage.

If you have it select a piece of medium low, well drained land. Do not put on any fertilizer in the fall or early winter. Plow this land as thoroughly and as deep as you can, so long as you do not turn up the sub-soil. I usually plow eight to ten inches deep, pulverize thoroughly with good clod breaker or harrow. Be sure that all lumps are broken and the soil is fine and soft. Lay off your rows, east and west, if you can, thirty inches apart, using a bull-tongue plow for the purpose. Just before you order your plants make up your beds by throwing two furrows together with a single horse turn plow. Then firm the beds by rolling them with a light roller, such as you would use in rolling hay land. "In small gardens use a plank for firming them." Remember that no fertilizer is to be applied until after the plants are set. When your plants arrive take the baskets to the field, and as you take the plants from the basket dip the roots in water to moisten them. Then set your plants on the south side of the bed far enough down the side so that the top of the bed is above the top of the plant. This is done to keep the cold north and northwest winds from twisting and breaking the plants while small. Your plants should be set twenty inches apart in the row, and the entire stem of the plant up to the first leaves should be in the soil. Pack the soil good and tight about the roots. The soil should be so firm that the leaf of the plant would pull off before the plant would pull out. In a climate where the thermometer does not go below eighteen or twenty you can get best results by setting your plants in December and January. Where the thermometer goes below eighteen it is best to set them in February and March. The object of setting in cold weather is this: the top of the plant is dormant and will stand severe cold without injury. The roots are in land where there is no fertilizer, and they continue to grow and spread all winter. About two weeks before your regular spring weather opens up take a turn plow of half shovel and throw a furrow away from the plants in each alternate row. Run the furrow as close to the plants as you can. Then put in this furrow fertilizer analyzing eight per cent. ammonia, seven per cent. phosphoric acid, five per cent. potash, at the rate of 1000 pounds to the acre, and then throw the furrow back, working dirt well up around the plants. This working will have worked and fertilized one side of each row. About ten days after the first working work and fertilize the other alley in exactly the same way. You will then have worked both alleys and have put on 2000 pounds of fertilizer to the acre. From this time on keep both alleys well cultivated and the soil as open as possible, using a diamond tooth harrow and cultivator. The roots that have been growing all winter will now take up the fertilizer very rapidly and make you a crop of cabbage two or three weeks earlier than you can make them by growing your own plants.

In purchasing your plants be sure that you get your plants from a reliable grower, who uses nothing but high grade seed, as the success or failure of your crop will depend upon the seed from which the plants were grown. Reliable seed growers select their seed from only the perfect heads of cabbage, cutting out all imperfect heads before they seed. Some seasons they have to cut out over one-half of their seed crop. Other growers allow the entire crop to make seed. Seed selected by the first-class grower will cost you three times as much as the seed grown by the second class. The cost of seed is about two-thirds the cost of growing plants, and for that reason the plant grower who uses the better grade seed cannot sell you plants at the same price as the grower who uses the cheaper grade seeds. I use only the high grade seeds in my business, and do not attempt to meet the prices quoted by some of the plant growers. -Wm. C. Geraty, Young's Island, S. C.

Suggestions to Cantaloupe Growers.

Pick melons that are just on the turn. Do not pick them green, and do not let them ripen on the vines. Those that are picked too green will not sell well, because the trade want sweet, highly flavored cantaloupes and not cucumbers. Those that are picked from the vines in a ripe condition will be too soft by the time they are presented to the trade. The above mentioned is placed first, because it is the most important.

In hauling to the packing shed, use a spring wagon when possible; this will prevent a great amount of bruising.

It is important that you keep your melons in a shady place at all times after they are picked. If you have no such place at present, it will pay you to erect one.

Deliver your melons to the packing

shed or loading station same day as picked and as soon as possible.

Go over your field every day. It will certainly pay you. It would be still more profitable to do it twice daily.

It will assist the sorters and packers if you can keep the sizes separate and deliver them to the shed separate and also save considerable hauling.

When packing a crate see that uniform size and quality is packed in each crate. By doing this they will pack tightly and not shake in transit; also will present a better (more saleable) appearance.

The Rockford standard crate contains forty-five melons, pony crate fifty-four melons and short pony crates forty-five melons. If you pack the proper size cantaloupes and not mix sizes, the number mentioned above will fill the crates as they should be filled.

The cars should be well iced and if possible cooled off before the melons are placed in it.

Do not overload the cars. Room should be allowed for good ventilation. A crowded car cannot allow proper ventilation.—Geo. Middendorf Company.

Spanish Peanuts.

I cannot give up this crop so long as I stay on the farm. It has so many advantages over other crops. First, it has no insect enemy; second, it will withstand more dry weather than any other crop, and third, poor sandy land that will not pay in any other crop will make a fine crop of peanuts. I had this year fifty acres in peanuts that easily made fifty bushels per acre on land that would not make over eight bushels of corn without fertilizer. They make the finest hay I ever fed, when properly cured. If you pull them up in the evening, and the sun shines bright the next day, take them in late in the evening and you will have the sweetest hay you ever saw. My horses will leave alfalfa to eat peanut hay cured in this way.

The peanuts are the finest hog feed I ever fed. If you want to feed your hogs on peanuts, have a block in your barn or crib and a sharp hatchet and you can chop off the bunch of peanuts from a pint to nearly a quart on each root. You can chop off two bushels of peanuts while you are shelling one bushel of corn. They will fatten hogs faster than anything else, and keep them healthy. Some people say there is no money in peanuts, but I know there is, for I get money the year round for mine. I am now supply two stores, besides I fatten my hogs, and feed them to my horses and cows. Brother farmers, try them by all means. Plant in rows three feet apart, and the hills one foot apart. Keep clean and you need not worry about the yield. If you plant about April 20, they will be ready to harvest about August 20. They are a most valuable crop.—G. D. Perego, in Cultivator.

Apple Tree Rust.

You will sometimes notice the leaves of apple trees covered with a brown rust. A survey of the premises will generally disclose one or more cedar trees in the vicinity. I remember that one end of my father's orchard suffered from this rust, when I was a boy. It appeared on those trees nearest the house, around which cedar trees had been planted. In late years most of the cedar trees have been removed and the rust has correspondingly disappeared. The moral is: Never allow cedar trees to grow near your apple orchard. In the early time I speak of, none of us had any idea where the rust came from. Afterwards I learned how it is accounted for by scientists. You have observed that in the spring of the year cedar balls are covered with jelly-like tags or fringe. Later in the year they dry up, and reproduction spores are carried by the wind from them to the leaves of the apple trees. They fasten to the leaves and produce the rust in question. It is said this rust is proof against spraying and the only way to get rid of it is to destroy the source of its origin.—T. C. K., Powell Station, Tenn.

Sweet Potatoes in Clay Soil.

I plow the land in late fall or early winter. Freezing thoroughly pulverizes the soil. As soon as the ground is dry enough in the spring I make large hills with the hoe. Then before time to set plants, I haul sandy loam from the river banks, and opening the hills in the center, I put about one gallon of loam into each hill. This soil, being fine and soft, is much better adapted to the roots of the plants than the coarse clay soil.

Plants set in this sandy loam live better, grow better and produce better than in the coarse clay alone. I haul this clay more than a mile, but it pays well.—T. M. Barton, of Kentucky, in Farmers' Home Journal.

News Items.

It is stated that ex-Premier Witte at a meeting of the Council of the Empire, declared he had been forced to do things of which he himself disapproved.

Vice-Admiral Kuzmich was assassinated in St. Petersburg because he refused to allow the Government workmen to take part in the May Day demonstration.

Pointed Paragraphs.

"Well," said Morrell, "nature has its compensation for all. Lightning, you know, never strikes twice in the same place."

"Huh!" snorted Worrell, "that's small comfort for the man who is struck in the first place."

The Church Congress of Episcopalian met in New York to discuss live topics.

Comparatively a New Industry.

It is not many years since the United States imported practically all of its supply of oranges, raisins, olives and prunes. Now we produce the greater part of our supply. In view of the ever increasing American demand for the succulent and wholesome banana, we suggest, says the New York Sun, that the Department of Agriculture find some way of developing a hardy banana plant for cultivation in this country. Our National banana bill for the calendar year 1905 was \$9,826,806. This is more than double the bill of ten years ago. We paid more last year for imported bananas than we paid for imported art works, and nearly as much as we paid for imported wines. We paid twice as much as we did for spices. The banana appetite is evidently a permanent feature of the national life.

Was Bound to Succeed.

Yasujiro Ishikawa, a Japanese journalist, described in New York a German capitalist of Yokohama.

"It is no wonder," he said, "that this man is a millionaire. His fertility of invention is remarkable and this fertility is never cramped by principles or by straightlaced notions of morality."

"They say of this man," declared Mr. Ishikawa, "that he reached Johannesburg in his youth quite destitute save for a needle and a can of condensed milk."

"Immediately on his arrival he announced that the smallpox was approaching and that he was a surgeon, and with his only two possessions he vaccinated all the good Johannesburgers at \$5 a head."

During Hot Days and Cool Nights.

Take Dr. Biggers' Huckleberry Cordial for all stomach and bowel troubles. Children Teething, etc. At Druggist 25c and 50c.

A woman never likes to send a telegram unless she can send it collect; otherwise she can't use half the words she wants to.

There is more cancer in this section of the country than in other diseases put together, and until the last few years was supposed to be incurable. For a great many years doctors pronounced it a local disease and prescribed local remedies, and by constantly failing to cure with local treatment, pronounced it incurable. Science has proven that it is a constitutional disease and therefore requires constitutional treatment. Dr. J. C. Cheney & Co., Toledo, Ohio, is the only constitutional cure on the market. It is taken internally in doses from 10 drops to a tea-spoonful. It acts directly on the blood and mucous surfaces of the system. They offer one hundred dollars for any case it fails to cure. Send for circulars and testimonials. Address F. J. CHENEY & CO., Toledo, O.

Farming would be very easy if it either didn't rain too much or too little.

ECZEMA AFFLICTS FAMILY.

Father and Five Children Suffered For Two Years With Terrible Eczema—Wonderful Cure by Cuticura.

"My husband and five children were all afflicted with eczema. They had it two years. We used all the home remedies we could hear of, without any relief, and then went to a physician and got medicine two different times, and it got worse. It affected us all over except head and hands. We saw Cuticura Remedies advertised and concluded to try them. So I sent for \$1.00 worth, consisting of one cake of Cuticura Soap, one box of Ointment and one vial of Pills, and we commenced to use them. I do not know how to express my joy in finding a cure, for two of my children were so bad that they have the brown scars on their bodies where they were sore. Mrs. Maggie B. Hill, Stevens, Mason Co., W. Va., June 12, 1905."

Hatred is often the result of knowing but one side of a person.

L. & M. L. & M. L. & M.

Buy L. & M. Paint and get a full gallon. Weighs 10 to 15 years, because L. & M. Zinc Oxide L. & M. White Lead and makes L. & M. Paint wear like iron. 4 gallons of L. & M. mixed with 3 gallons oil will paint a moderate sized house. C. S. Andrews, Ex-Mayor, Danbury, Conn., writes: "Painted my house 10 years ago with L. & M. Looks well to-day."

PAINT YOUR HOUSE.

15 per cent. commission allowed to any resident where we have no agent, on sale of L. & M. to property-owners, at our retail price. Apply to LONGMAN & MARTINEZ, Paint Makers, New York.

THE ETERNAL QUESTION.

Mrs. Stingsy—What do you want to leave us for, Bridget? I'm sure we have treated you as one of the family.

Bridget—Indade, an' you hoy, ma'am, an' OI've stood it long enough.—Life.

TWICE-TOLD TESTIMONY.

A Woman Who Has Suffered Tells How to Find Relief.

The thousands of women who suffer backache, languor, urinary disorders and other kidney ills, will find comfort in the words of Mrs. Jane Farrell, of 606 Ocean Ave., Jersey City, N. J., who says: "I reiterate all I have said before in praise of Doan's Kidney Pills. I had been having heavy backache and my general health was affected when I began using them. My feet were swollen, my eyes puffed, and dizzy spells were frequent. Kidney action was irregular and the secretions highly colored. To-day, however, I am a well woman, and I am confident that Doan's Kidney Pills have made me so, and are keeping me well."

Sold by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.



HABITS OF THE HOUSE FLY.

Harold Somers, M. A., Tells Whence He Comes, Whither He Goes.

The common house fly (Musca Domestica) is a creature of such secretive habits, that although from the very earliest times he has been with us, and the most ancient writers have mentioned and described him, still very little was known of his origin and history.

It remained for the eminent Boston biologist, Dr. A. S. Packard, in 1873, to make known his origin, habits and transformations from the egg through the larva state with its two changes to the pupa state, then to the perfect fly.

Near the first of August the female lays about 120 eggs of a dull gray color, selecting fresh horse manure in which to deposit her eggs, and so secretes them that they are rarely seen; it takes only twenty-four hours for them to hatch into the first form of larva, a white worm one-quarter of an inch in length and one-tenth in diameter. They feed on the decaying matter of their environment, and two changes or castings of skins occur before they turn into the pupa state; this change comes very suddenly. The entire period from the egg to the pupa state is from three to four days. If moist food is wanting when in this condition they will eat each other and thus decrease their number. Heat and humidity greatly assist their development, as upon careful computation each pound of manure around stables and outhouses develops under favorable conditions over one thousand flies. It is no wonder that where these conditions exist, we have such a veritable harvest of the fly pest.

In the pupa state when the fly is about to emerge, the end of the pupa case splits off, making a hole through which the fly pushes a portion of its head; but here it seems to encounter a difficulty; the pupa case is too stiff and hard to pass through, but nature comes to its assistance, and a sort of bladder like substance forms behind the head, which swells out apparently filled with air; it acts as a means of pushing away the pupa case and releases the fly. When the fly first emerges it runs around with its wings soft, small and baggy; it is pale and the colors are not set; its head rapidly expands and the bladder formation passes away—within a few hours the wings grow and harden, it is now a perfect fly.

The whole time from the depositing of the egg to the perfect fly is not over ten days in duration. Many persons who observe small flies in midsummer suppose they are the young, but such is not the case, they are flies that are imperfectly nourished in the larva and pupa states, and do not attain full size, in fact, they are the dwarfs of their race. The male fly differs from the female in the front of the head between the eyes, being at least one-third narrower, though in size the female is rather smaller.

In the pupa state they are often fed upon by the larvae of some of the beetles, notably that of the carpet beetle, whose pupa, the dreaded buffalo "moth," will attack the young fly in the pupa case and eating it possess the case for itself.

Adult flies, like most other creatures, have parasites of minute size that prey upon them; these can often be seen as presenting small red specks over the body of the fly.

Another enemy in the form of a fungus often attacks the fly in the early autumn. This makes its appearance as a white swelling and the white spores of the disease can be seen penetrating the body of the fly, which it finally distends and ruptures.

The fly hibernates in winter, but with its usual secretive habit, it is very difficult to find him in his winter quarters. With the first chill of autumn the flies feeling the cold, seek temporary warmth in houses, and clustering together form bunches in the corners of walls and other places. They are then sluggish and not so active as in the warm weather. However, they do not make a permanent stay indoors, but on the first mild, sunny day, seek the windows to get out and find their permanent winter hiding place; many prefer to make their homes in the roots of grass on lawns where they hide themselves so effectively that the ice and snow of winter does not destroy them in their hibernating state. If in the first warm days of spring when the snow is gone and the grass on the lawns becomes dry and warm, long before the yellow dandelion shows its head, a close observer may see numbers of flies crawling up on the grass to get the welcome sunshine, their wings standing out stiff and useless; but they soon acquire the power of flight in the warm rays of the sun. A great many days, however, elapse before they appear in the homes of men, where they are such unwelcome visitors.

In recent years, the medical profession has demonstrated that while the fly itself does not propagate disease, it is one of the most industrious carriers of disease germs which by contact adhere to his feet, hairy legs and body, distributing them to innocent victims.

If every house-keeper could know all these interesting facts which have never before been brought to their attention, they would realize the importance of securing the very best fly exterminator.

A change is to be made in the position of the first secretary of the German Embassy as Washington.

HICKS' CAPUDINE.

IMMEDIATELY CURES HEADACHES BREAKS UP COLDS IN 10 TO 15 MINUTES. Trial Bottle Free. At Druggists.

So, 21-06

DON'T MISS THIS.

A Cure For Stomach Trouble—A New Method, by Absorption—No Drugs.

Do You Belief? It means a diseased Stomach. Are you afflicted with Short Breath, Gas, Sour Eructations, Heart Pains, Indigestion, Dyspepsia, Burning Pains and Lead Weight in Pit of Stomach, Acid Stomach, Distended Abdomen, Dizziness, Colic? Bad Breath or Any Other Stomach Trouble?

Let us send you a box of Mull's Anti-Belch Waters free to convince you that it cures.

Nothing else like it known. It's sure and very pleasant. Cures by absorption. Harmless. No drugs. Stomach Trouble can't be cured otherwise—so says Medical Science. Drugs won't do—they eat up the Stomach and make you worse.

We know Mull's Anti-Belch Waters cure and we want you to know it, hence this offer. This offer may not appear again.

GOOD FOR 25c.

Send this coupon with your name and address and your druggist's name and 10c. in stamps or silver, and we will supply you a sample free if you have never used Mull's Anti-Belch Waters, and will also send you a certificate good for 25c. toward the purchase of more Belch Waters. You will find them invaluable for stomach trouble; cures by absorption. Address: MULL'S GRAPE TONIC CO., 328 3d Ave., Rock Island, Ill.

Give Full Address and Write Plainly.

All druggists, 50c. per box, or by mail upon receipt of price. Stamps accepted.

Few people overtax intellects in behalf of others.

FITS, St. Vitus's Dance, Nervous Diseases permanently cured by Dr. Eline's Great Nerve Restorer. \$2.00 bottle and treatise free. Dr. H. R. ELINE, Ltd., 931 Arch St., Phila., Pa.

"he explorer, Livingstone, has a monument at Chitumbulo, Africa."

Mrs. Winslow's Soothing Syrup for Children teething, softens the gums, reduces inflammation, allays the pain, cures wind colic. 25c. a bottle.

Better a blushing cheek than a black heart.

A Dangerous Accident.

happened the other day to a prominent citizen's wife, whose horse ran away with her and flung her against a telegraph pole.

Such accidents, though of daily occurrence in all parts of the world, add but little to the sum-total of woman's suffering, as compared with the terrible results of the diseases peculiar to women, which drive so many women to premature graves. The question is, what is to be done, if the coming race is to be protected, and the answer may well be told in the words of Mrs. Blanche E. Stephanou, of 1228 S. 42nd Ave., Chicago, Ill., wife of a prominent Greek lawyer of that city.

In a recent letter, she says: "For five years after the birth of my baby, I suffered constantly with backache, and could not wear a corset. I also had sideache and bearing down pains, which nothing would relieve. My husband spent hundreds of dollars in the best doctors here, but to no avail. The last one suggested an operation, but to this I would not consent. At last, on the advice of a dear friend, I took Wine of Cardui, and can truthfully say that from the very first bottle I began to improve. I now look and feel like a different woman, eat well, and suffer no more pain."

Cardui is a pure, harmless, vegetable medicine for all the diseases peculiar to women. It relieves pain and regulates the functions. Sold at all druggists in \$1.00 bottles.

A woman can throw a hint straighter than a man can throw a rock.

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Weakness

Women cannot possibly be strong, while suffering from any of the diseases peculiar to their sex. Even if you do not feel weak, the weakness of your system is there, and is a constant danger. Put strength into your frame with

WINE OF CARDUI

WOMAN'S RELIEF

It gives you strength, where you most need it. It relieves pain. It regulates unnatural irregularities. It has been found a most successful cure for all the diseases peculiar to women. Try it.

At all Druggists

CORDIAL INVITATION

ADDRESSED TO WORKING GIRLS

Miss Barrows Tells How Mrs. Pinkham's Advice Helped Working Girls.



Girls who work are particularly susceptible to female disorders, especially those who are obliged to stand on their feet from morning until night in stores or factories.

Day in and day out the girl toils, and she is often the bread-winner of the family. Whether she is sick or well, whether it rains or shines, she must get to her place of employment, perform the duties exacted of her—smile and be agreeable.

Among this class the symptoms of female diseases are early manifest by weak and aching backs, pain in the lower limbs and lower part of the stomach. In consequence of frequent wetting of the feet, periods become painful and irregular, and frequently there are faint and dizzy spells, with loss of appetite, until life is a burden. All these symptoms point to a derangement of the female organism which can be easily and promptly cured by Lydia E. Pinkham's Vegetable Compound.

Miss Abby F. Barrows, Nelsonville, Athens Co., Ohio, tells what this great medicine did for her. She writes:

Dear Mrs. Pinkham:— "I feel it my duty to tell you the good Lydia E. Pinkham's Vegetable Compound and Blood Purifier have done for me. Before I took them I was very nervous, had dull headaches, pains in back, and periods were irregular. I had been to several doctors, and they did me no good.

"Your medicine has made me well and strong. I can do most any kind of work without complaint, and my periods are all right.

"I am in better health than I ever was, and I know it is all due to your remedies. I recommend your advice and medicine to all who suffer."

It is to such girls that Mrs. Pinkham holds out a helping hand and extends a cordial invitation to correspond with her. She is daughter-in-law of Lydia E. Pinkham and for twenty-five years has been advising sick women free of charge. Her long record of success in treating women's ills makes her letters of advice of untold value to every ailing working girl. Address, Mrs. Pinkham, Lynn, Mass.



Remember this when you want waterproof oiled coats, suits, hats, or horse goods for all kinds of wet work.

WE GUARANTEE EVERY GARMENT. A. J. TOWER CO. BOSTON, MASS. U.S.A. TOWER CANADIAN CO. LIMITED TORONTO, CAN.

W. L. DOUGLAS

\$3.50 & \$3.00 SHOES FOR MEN. W. L. Douglas \$4.00 Calf Edge Line cannot be equalled at any price.



W. L. DOUGLAS MAKES & SELLS MORE MEN'S \$3.50 SHOES THAN ANY OTHER MANUFACTURER IN THE WORLD.

\$10,000 REWARD to anyone who can improve this statement.

If I could take you into my three large factories at Brockton, Mass., and show you the infinite care with which every pair of shoes is made, you would realize why W. L. Douglas \$3.50 shoes cost more to make, why they hold their shape, fit better, wear longer, and are of greater intrinsic value than any other \$3.50 shoe.

W. L. Douglas Strong Made Shoes for Men, \$2.50, \$3.00, \$3.50, \$4.00, \$4.50, \$5.00, \$5.50, \$6.00, \$6.50, \$7.00, \$7.50, \$8.00, \$8.50, \$9.00, \$9.50, \$10.00. CAUTION—Insist upon having W. L. Douglas shoes. Take no substitutes. Name guaranteed without his name and price stamped on bottom. Fast Color Eyelets used; they will not wear brass. Write for Illustrated Catalog.

W. L. DOUGLAS, Brockton, Mass.

THE ONLY IMPORTED PERFUME

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Celebrated NILE LILY Brand at 50c per ounce, by mail postpaid. Violet, Heliotrope, White Rose, Jockey Club, or any other desired odor. Sample bottle, 1/2 ounce, 10 cts. WRITE TO-DAY. Descriptive literature free upon request.

The COLONIAL PERFUME CO. ST. LOUIS, MO.

THE DAISY FLY KILLER

destroys all house flies, and keeps them from coming back. It is a perfect fly killer, and is the only one of its kind. It is a perfect fly killer, and is the only one of its kind. It is a perfect fly killer, and is the only one of its kind.

Dropsy CURED

Removes all swelling in 6 to 10 days. Effects a permanent cure in 30 to 60 days. Trial treatment given free. Nothing can be failed. Write Dr. J. R. West's Sons, Specialists, Box 8, Atlanta, Ga.